

AMENDMENTS TO THE SPECIFICATION

Please amend the first full paragraph on page 2 as follows:

--A detailed description of the interleaver 100 will now be given below. The interleaver 100 sequentially stores the input data in a memory with a matrix structure of rows and columns, and then initializes interleaving parameters determined according to the number of input data bits. That is, the interleaver 100 sets various parameters such as index of row number of rectangular matrix j and index of column number of rectangular ~~rectangular~~ matrix i and prime number p and primitive root μ for inter-row/intra-row permutation for interleaving the input data as well as the number R of the rows and the number C of the columns, to the values corresponding to the number K of the input data bits by consulting a table in the memory.--